

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) An electric motor including a rotor mounted on a motor shaft for rotation around a stator, the rotor including a generally cylindrical wall and a rotor top generally closing the cylinder of the rotor wall, the rotor being connected to the motor shaft by a connecting device, the connecting device being received within an opening in the rotor top and having an aperture for receiving the motor shaft as an interference fit which prevents of rotation of the shaft with respect to the connecting device, the connecting device including a first radially outwardly extending formation at a first side of the rotor top, and a second radially outwardly extending formation at a second side of the rotor top such that the rotor top is received between the first and second radially outwardly extending formations, and there being a spacer between the first radially outwardly extending formation and the first side of the rotor top, the spacer including teeth which dig into the first side of the rotor top and the first radially outwardly extending formation to prevent of rotation of the connecting device with respect to the rotor.

2. (Original) A motor according to claim 1 wherein the motor shaft and walls of the aperture in the connecting device are splined.

3. (Previously Presented) A motor according to claim 1 wherein the connecting device includes a generally cylindrical body portion through which the aperture is provided, which extends through the opening provided in the rotor top.

4. (Original) A motor according to claim 3 wherein the first radially outwardly extending formation extends from a first end of the body portion, and the second outwardly extending formation extends from a second end of the body portion.

5. (Previously Presented) A motor according to claim 3 wherein the spacer is an annular member, which is located around the body portion of the connecting device.

6. (Currently Amended) A method of assembling an electric motor, the electric motor including a rotor having a generally cylindrical rotor wall and a rotor top generally closing the cylinder of the rotor wall, the rotor being mounted on a motor shaft for rotation about a stator, the motor further including a connecting device adapted for connecting the rotor top to the motor shaft, the connecting device having a first radially outwardly extending formation, the method including the step of mechanically deforming a portion of the connecting device so as to form a ~~first~~ second radially outwardly extending formation, such that the rotor top is clamped between the first radially outwardly extending formation and a the second radially outwardly extending formation of the connecting device and movement of the rotor with respect to the connecting device is substantially prevented, wherein the method further includes the step of placing a spacer around the connecting device prior to deformation of the connecting device such that deformation of the connecting device causes teeth of the spacer to dig into the rotor top.

7. (Original) A method according to claim 6 wherein the method further includes the step of inserting the motor shaft into an aperture provided in the connecting device such that the shaft engages with the connection device as an interference fit and rotational movement of the motor shaft with respect to the connecting device is substantially prevented.

8. (Previously Presented) A motor according to claim 2 wherein the connecting device includes a generally cylindrical body portion through which the aperture is provided, which extends through the opening provided in the rotor top.

9. (Previously Presented) A motor according to claim 8 wherein the first radially outwardly extending formation extends from a first end of the body portion, and the second outwardly extending formation extends from a second end of the body portion.

10. (Previously Presented) A motor according to claim 8 wherein the spacer is an annular member, which is located around the body portion of the connecting device.

11. (Previously Presented) A motor according to claim 4 wherein the spacer is an annular member, which is located around the body portion of the connecting device.

12. (Previously Presented) A motor according to claim 9 wherein the spacer is an annular member, which is located around the body portion of the connecting device.